



Biodefense solutions to protect our nation

Prime Contractors and Sub-Contracting Opportunities

26 April 2011

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Discussion Topics

1. Who is USAMRIID

- Organizational Taxonomy
- Mission of the Laboratory

2. What kinds of programs do we support

 Medical Biological Defense Research & Countermeasure Development

3. What do we procure and how do we procure it

- Commercial Goods
- Services
- ♦ R&D

4. Who are the contacts at USAMRIID

- Logistics & Procurement
- Research & Development



USAMRIID is an Organization of the USAMRMC

U.S. Army Medical Command

U.S. Army Medical Research and Materiel Command

U.S. Army Aeromedical Research Laboratory

U.S. Army Institute of Surgical Research

U.S. Army Medical Research Institute of Chemical Defense



U.S. Army Medical Research Institute of Infectious Diseases

> U.S. Army Research Institute of Environmental Medicine

Walter Reed Army Institute of Research

U.S. Army Medical Materiel Agency
U.S. Army Medical Materiel Center–Europe
U.S. Army Medical Research Acquisition Activity
U.S. Army Health Facility Planning Agency
U.S. Army Medical Information Systems
and Services Agency
Congressionally Directed Medical Research Programs

U.S. Army Medical Materiel Development Activity

Telemedicine and Advanced Technology Research Center



USAMRIID's Mission

We conduct research on current and emerging biodefense threats, resulting in medical solutions to What this means protect the Warfighter.

- We develop and test vaccines, therapeutics, and diagnostic systems against biological threats
- We publish and present our findings
- We patent and license our intellectual property
- We partner with academic, industrial, other government, and international labs
- We educate and train medical personnel
- We provide remote and on-site expert consultation and assistance
 - assistance
 Be the Nation's pre-eminent research laboratory for medical biological defense, providing innovative solutions to protect the Warfighter.



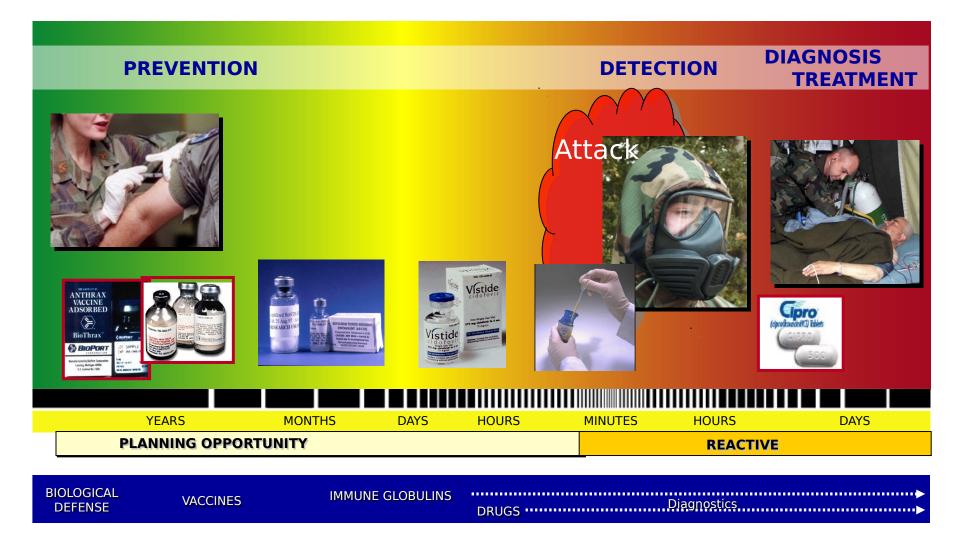
USAMRIID: Medical Biological Defense & High Consequence Pathogen Infectious Disease Research



Research focuses on vaccines, therapeutics and diagnostic systems with a increased emphasis on broad spectrum countermeasures.

- Established by General Order No. 6, 27 January 1969, Office of the Surgeon General of the Army
- ► \$480 Million in facilities and equipment
- ~825 Personnel military, civilian and contractor
- Physicians, veterinarians, and Ph.D. scientists from all allied medical sciences

Full Spectrum of Medical Biodefense Research





USAMRIID's Core Competencies: A National Resource

Researc



- HHS
- DoD
- Universities
- Industry
- DHS

Product Evaluation



Development



Efficacy Testing





- Large-scale, medical product-evaluation capability
- Animal model development
- High-containment labs and animal facilities
- Aerosol exposures



USAMRIID's Current Operational Model

Leverage From External Sources (selected examples)

Product Candidates

- Novel antimicrobials (ex. GSK, Siga, Chimerix)
- Vaccine candidates (ex.AlphaVax, NIAID VRC)
- Antisense Oligos (ex. AVI Biopharma)

Technologies

- Diagnostic systems (ex. BioVeris, Cephied)
- Antibodies (ex. BioFactura, Abgenix)
- Vaccine delivery devices (ex. PowderMed, B-D)
- Vaccine vectors (ex. Health Canada, Vical, Crucell)
- Adjuvants (ex. Coley Pharm., Chiron)

Concepts & Capabilities

- DNA vaccination
- siRNA
- Reverse genetics (ex. Univ. Wisconsin)
- Host targets for viral assembly (ex. Prosetta)
- Bioinformatics (ex. Diversa, TIGR, VBI, Los Alamos)
- Transgenic Mice (ex. Lexicon Genetics)

CRADAS/MTAS

~650 active agreements today!

USAMRIID

- Pathogenesis studies
- Adaptation of technology to biodefense countermeasures
- Animal model development
- Evaluation of counter re

Provide to Customers

- Product candidates
- Technical information

We apply cutting-edge approaches to our problem sets!



What Do We Procure to Support our Mission?

Commercial Goods

 Lab materials and supplies, capital equipment (administrative and scientific), administrative materials and supplies, animals and animal supplies

Construction Services

Renovation

Research Services

- CFR-regulated research and development services (GLP, cGMP), laboratory testing, DNA sequencing, protein expression & purification
- Consultants, non-personal services

Research & Development

Innovative R&D integrated with in-house research projects in support USAMRIID's core program

How Do We Obtain Products and Services?

Commercial Items & Commercial Services

- Credit Card Orders
- Established Contracts
- New Contracts

R&D

- Contracts (Procurement, SBIR, STTR)
- Grants & Cooperative Agreements (BAA)
- Cooperative Research and Development Agreements (CRDA)
- Commercial Test Agreements (CTA)
- Interagency Agreements



How Much Do We Acquire?

Service contracts, include TORP non-personal services (USAMRAA)

Approximately \$33M

2. Expendable medical (USAMRAA)

- Lab supplies, reagents
- Approximately \$4M

Expendable medical- credit card (USAMRIID)

Approximately \$9 -10M

4. Equipment (USAMRAA)

Approximately \$10M

R & D (Contracts, Grants & Cooperative Agreements - USAMRAA)

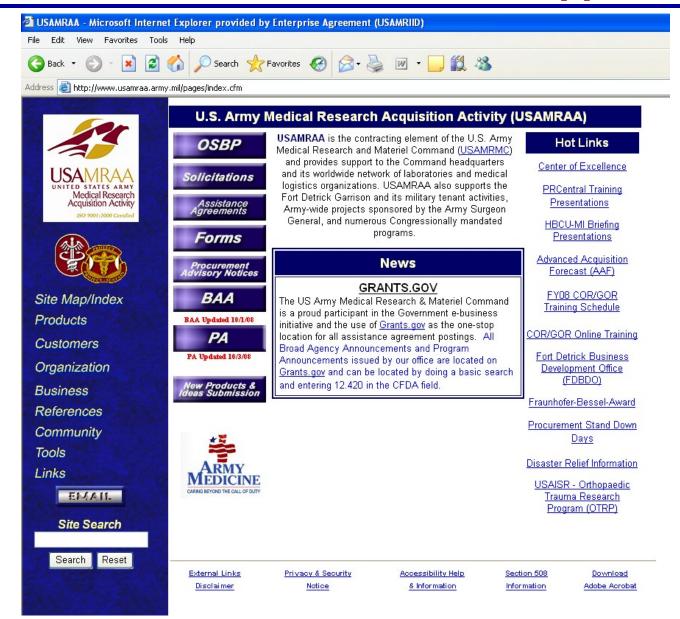
Approximately \$8M

6. Construction - Renovation (USAMRAA - USACE)

Approximately \$9M



Where to Look for Procurement Opportunities





USAMRIID POCs

Logistics & Procurement

- Ms. Beverly Williams
- Chief, Logistics Division
- USAMRIID
- 301-619-4719

Research & Development

- Mr. Dan Coffman
- Chief, Office of Research & Technology Applications
- USAMRIID
- **301-619-6886**



USAMRIID In 2015



Greater capacity, more capabilities for supporting medical countermeasure development!

